

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:
McKinnon et al.)
Serial No.: To Be Assigned)
Filed: Concurrently Herewith)
For: *Solicitations For Allocating Access*)
Across A Shared Communications Medium)
Docket No.: 10263-33244)



Charlotte, North Carolina

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

In compliance with the Applicant's duty of disclosure under 37 CFR §1.56, Applicants bring the attached document or documents to the attention of the U.S. Patent and Trademark Office in accordance with the provisions of 37 CFR §1.97-98. A copy of each document is enclosed and each document is listed on the enclosed Form PTO-1449.

Respectfully submitted,

Chad D. Tillman

Chad D. Tillman
U.S. Reg. No. 38,634
MORRIS, MANNING & MARTIN, L.L.P.
6000 Fairview Road, Suite 1125
Charlotte, NC 28210
Telephone (704) 554-7070
Fax (704) 556-9554

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

High 7 U.S. P.T.
09/800608
03/07/01

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	To Be Assigned		
		Filing Date	Concurrently Herewith		
		First Named Inventor	McKinnon et al.		
		Group Art Unit			
		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	10263-33243

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11	International Engineering Consortium, Cable Data Network Standards [online] Web ProForum Tutorial Course, August 3, 2000 [Retireved on 2000-12-18]. Retrieved from Internet at <URL:http://www.iec.org/tutorials/cable_mod/topic04.html?Next.x=40&Next.y=18>.	
	12	OSTERGAARD, ROLF V., Cable-Modems.Org: Your Cable Modem Reference Guide, [online] Tutorial 1998-2000 [Retrieved on 2000-12-18]. Retrieved from Internet at <URL:http://www.cable-modems.org/tutorial> .	
	13	Time Warner Cable, Road Runner Subscription Agreement, January 1999, Pages 1-4.	
	14	WHITE, GERRY, Eliminating Open Access Technology Barriers [online] Telecommunications Online Newsletter Article , July 2000 [Retireved on 2000-12-10]. Retrieved from the Internet at <URL:http://telecommagazine.com/issues/200007/tcs/elimin.html>.	
	15	GREEN, TIM, DSL Has A Secret [online] Network World Fusion Article, March 2, 1999 [Retireved on 2000-12-22]. Retireved from the Internet at <URL:http://cnn.com/TECH/computing/9903/02/dslsecretlidg/>.	
	16	Cable Television Laboratories, Inc., Cable Data Modem Performance Evaluation: A Primer For Non-Technical Readers, November 15, 1996, Pages 1-8	
	17	RiverDelta Networks Inc., QoS: The Key To Maximizing Revenue: A Technical Guide for Cable Operators [online] PDF Document, Publication Date Unknown [Retrieved on 2000-12-18]. Retrieved from Internet at <URL:http://www.riverdelta.com>, Pages 1-8.	
	18	Cable Television Laboratories, Inc., Cable Data Modem Performance Evaluation: A Primer For Non-Technical Readers, April 1996, Pages 1-3.	
	19	ddri Diversified Data Resources, Inc., ACE-SNMP Web Based SNMP Network Management System An Introductory Overview of SNMP, 1999.<URL:http://www.ddri.com> Pages 1-32.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	To Be Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	McKinnon et al.
		Group Art Unit	
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number	10263-33244	

JUL 17 U.S. PTO
 09/800608
 03/07/01

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	BEAUREGARD, BRIAN CONRAD, Overview of the Cable Modem, WPI Department of Electrical and Computer Engineering [online] Technologies Course Homepage, March 23, 1996 [Retrieved on 2000-12-18]. Retrieved from the Internet at <URL:http://www.ece.wpi.edu/courses/ee535/hwk96/hwk4cd/bcbeau/nodel.html>.	
	2	WHITE, GERRY, Additions To Cable Spec Enable QoS [online] Article in Network World Fusion, June 19, 2000 [Retrieved on 2000-12-19]. Retrieved from the Internet at <URL:http://www.nwfusion.com/cgi-bin/mailto/x.cgi>	
	3	RiverDelta Networks, RiverDelta Networks Executive To Discuss Advanced Quality Of Service Techniques At Cable-Tec Expo 2000 [online] Press Release, May 31, 2000 [Retrieved 2000-12-19]. Retrieved from the Internet at <URL:http://www.riverdelta.com/pr053100.html>.	
	4	RiverDelta Networks, RiverDelta Raises \$10 Million To Bring Enhanced Broadband Services To Next-Generation Cable Providers [online] Press Release, December 19, 1999 [Retrieved 2000-12-19]. Retrieved from the Internet at <URL:http://www.riverdelta.com/pr121399.html>.	
	5	River Delta Networks, QoS: One HFC Network, Multiple Revenue Streams [online] White Papers, [Retrieved on 2000-12-19]. Retrieved from the Internet at <URL:http://www.cabledatacomnews.com/whitepapers/paper08.html>.	
	6	Telecommunications Online, RiverDelta Networks (www.riverdelta.com) -- A One-Box MSA Solution [online] Newsletter article, July 2000 [Retrieved on 2000-12-10]. Retrieved from the Internet at <URL:http://www.telecommagazine.com/products/200007/20000701.html>.	
	7	WHITE, GERRY, QoS: Enabling Multiple Services on Cable Networks, [online] Telecommunications Online Newsletter Article, October 2000 [Retrieved on 2000-12-19]. Retrieved from the Internet at <URL:http://www.telecoms.mag.com/issues/200010/tcs/qos_enabling.html>.	
	8	International Engineering Consortium, How Cable Modems Work [online] Web ProForum Tutorial Course, August 3, 2000 [Retrieved on 2000-12-18]. Retrieved from the Internet at <URL:http://www.iec.org/tutorials/cable_mod/topic01.html?Nest.x=34&Next.y=20>.	
	9	International Engineering Consortium, Cable Data System Features [online] Web ProForum Tutorial Course, August 3, 2000 [Retrieved on 2000-12-18]. Retrieved from the Internet at <URL:http://www.iec.org/tutorials/cable_mod/topic02.html>.	
	10	International Engineering Consortium, Cable Data Network Architecture [online] Web ProForum Tutorial Course, August 3, 2000 [Retrieved on 2000-12-18]. Retrieved from the Internet at <URL:http://www.iec.org/tutorials/cable_mod/topic03.html>.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.